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(71)Applicant : **NIPPON KAYAKU CO LTD
SENSOR TECHNOL KK**

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(72)Inventor : **SUEHIRO AKIHIKO
UEMURA MASAACKI**

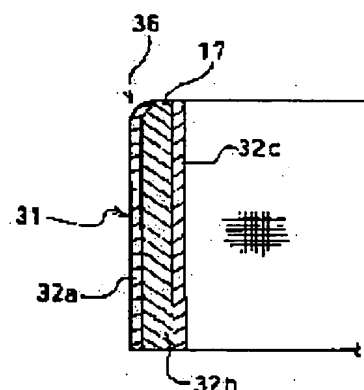
(54) FILTER FOR GAS GENERATOR

(57)Abstract:

PROBLEM TO BE SOLVED: To enhance the adhesion property of a filter for a gas generator of an air bag device for automobiles to a container and to enhance the slag capturing efficiency thereof by press forming the end face part existing in the corner part of the inside surface of the container of the filter formed to a cylindrical shape by laminating plural wire nets and compressing the curved surface part.

SOLUTION: This sintered filter 31 comprises three layers of wire net layers consisting of an outer layer 32a, an intermediate layer 32b and an inner layer 32c. The curved surface 36 is formed at the apex of its outside surface. The curved surface 36 is so press formed as to be formed as the curved surface flush with the curved surface in the corner part on the inner side of the container of the gas generator, by which the end 17 subjected to curving is made into the dense structure densely superposed with the compressed

wire nets on each other and is made more impermeable of gases than the other filter body part. The outer layer 32a and inner layer 32c among the three layers of the sintered filter 31 are formed of two sheets of the relatively coarse meshed wire nets and the intermediate layer 32b is formed of three sheets of the relatively fine meshed wire nets, by which the strength over the entire part of the filter is enhanced and the filtration performance is improved.



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